

**AMENDMENTS TO THE SPECIFICATION**

Please amend the specification as follows:

Please insert the following paragraph on the first page after the Title:

--This application is the National Stage of International Application No. PCT/EP2003/004893, filed May 9, 2003.--

Please insert the following Abstract on the next page (pg. 10) after the claims:

**--ABSTRACT**

The present invention relates to processes for producing (4S)-4-hydroxy-2,6,6-trimethyl-2-cyclohexene-1-one (phorenol) from 2,6,6-trimethyl-2-cyclohexene-1,4-dione (ketoisophorone). The present invention also relates to products useful for producing phorenol from ketoisophorone, including microorganisms, cell-free extracts of such microorganisms, recombinant microorganisms, cell-free extracts of such recombinant microorganisms, and enzymes (e.g., levodione reductase). Processes for producing phorenol from ketoisophorone using such products are also provided.--

Please cancel the Sequence Listing as filed in the original application.

Please enter the substitute Sequence Listing set forth in Exhibit A on the next page after the section entitled "Abstract."